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UV Analysis

|               | dFC GG ACG<br>(SEQ ID NO:7) | 250<br>nm | 260<br>nm | 280<br>nm | 250/260 | 260/280 | max |
|---------------|-----------------------------|-----------|-----------|-----------|---------|---------|-----|
| Lot<br>Number | 120202sc1111a               | 0.218     | 0.216     | 0.139     | 1.009   | 1.554   | 256 |

FIGURE 1

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UV Analysis

|       | dFC GTG GAA CG<br>(SEQ ID NO: 8) | 250<br>nm | 260<br>nm | 280<br>nm | 250/260 | 260/280 | max |
|-------|----------------------------------|-----------|-----------|-----------|---------|---------|-----|
| Lot # | 120202sc1113a                    | 0.474     | 0.476     | 0.296     | 0.996   | 1.608   | 256 |

FIGURE 2

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UV Analysis

|       | dFC GGA CGT GGA ACG<br>(SEQ ID NO: 9) | 250<br>nm | 260<br>nm | 280<br>nm | 250/260 | 260/280 | max |
|-------|---------------------------------------|-----------|-----------|-----------|---------|---------|-----|
| Lot # | 120302sc117a                          | 0.55      | 0.553     | 0.373     | 0.995   | 1.483   | 256 |

FIGURE 3

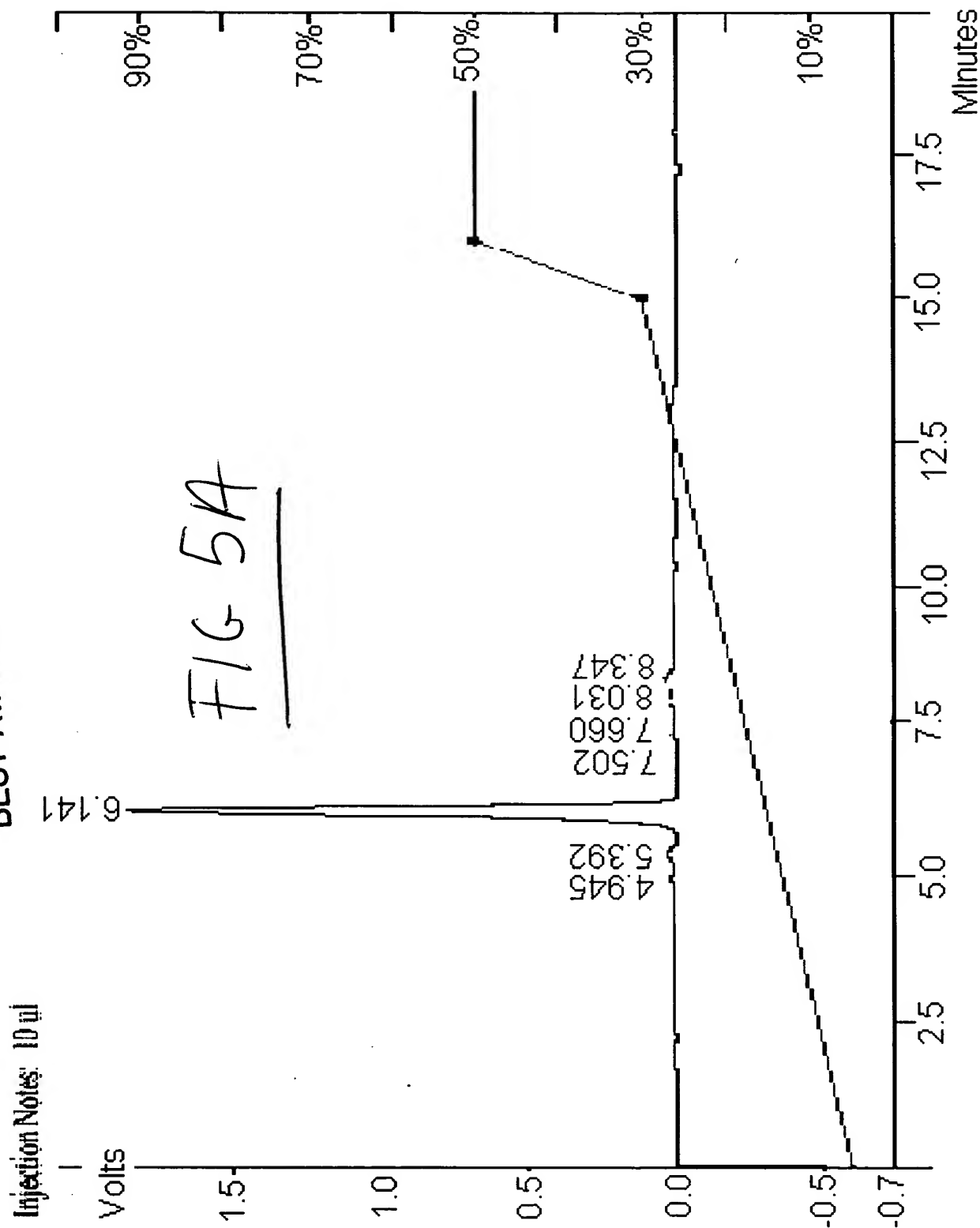
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UV Analysis

|       | dFC GGA GCT GGA ACG<br>(SEQ ID NO:10) | 250<br>nm | 260<br>nm | 280<br>nm | 250/260 | 260/280 | max |
|-------|---------------------------------------|-----------|-----------|-----------|---------|---------|-----|
| Lot # | 120402sc1119a                         | 0.165     | 0.177     | 0.118     | 0.932   | 1.500   | 257 |

FIGURE 4

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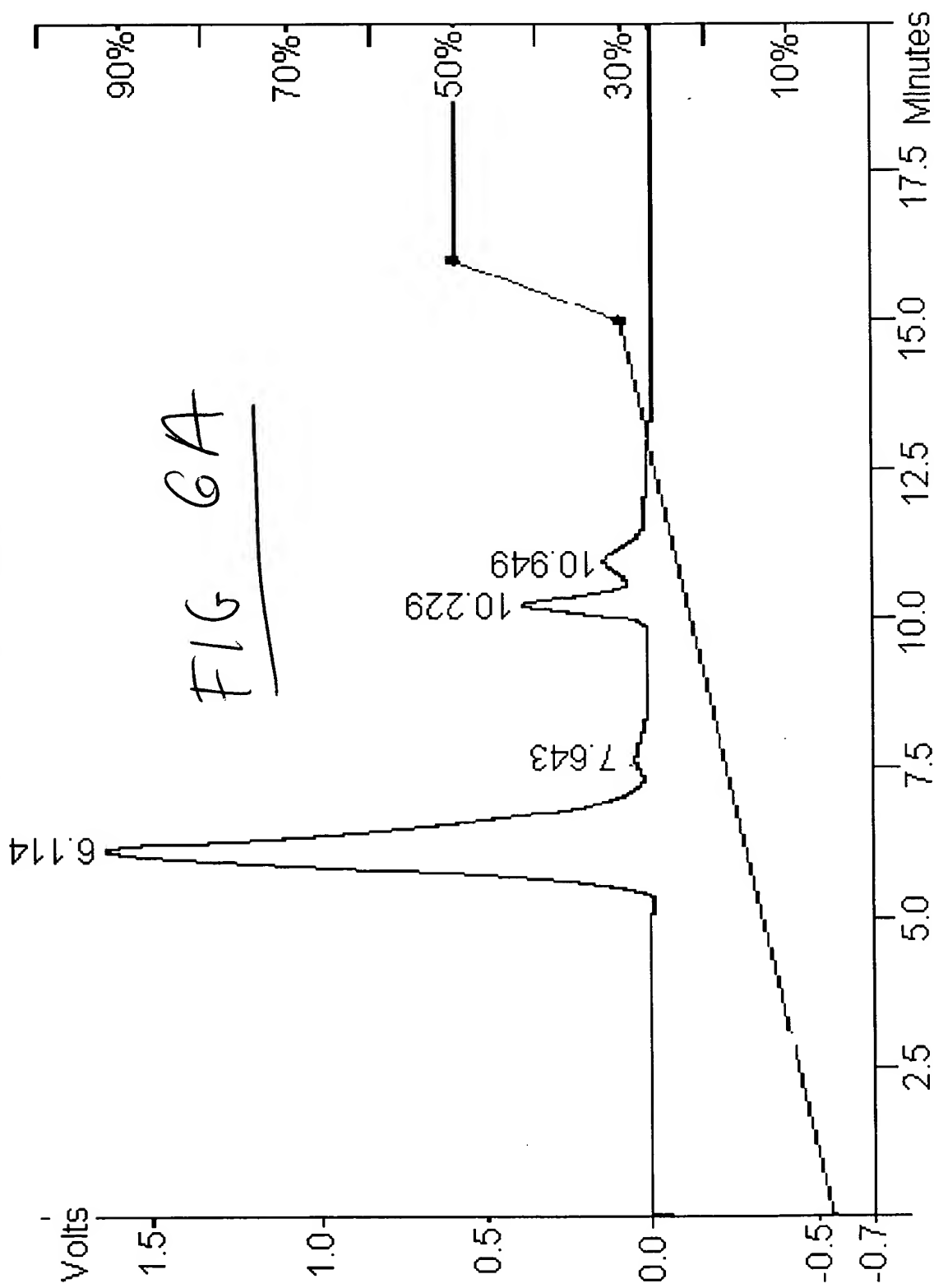
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120202sc1111a: dFC GG ACG (SEQ ID NO: 7)

| Peak No | Ret Time(min) | Peak Name | Result (%) | Peak Area<br>(counts) | Peak Height<br>(counts) |
|---------|---------------|-----------|------------|-----------------------|-------------------------|
| 1       | 4.945         |           | 0.58       | 139521                | 12576                   |
| 2       | 5.392         |           | 2.02       | 486112                | 35915                   |
| 3       | 6.141         |           | 90.60      | 21751388              | 1865545                 |
| 4       | 7.502         |           | 0.85       | 204987                | 14410                   |
| 5       | 7.660         |           | 0.68       | 162070                | 13251                   |
| 6       | 8.031         |           | 1.64       | 394599                | 29908                   |
| 7       | 8.347         |           | 3.62       | 869972                | 48542                   |
| Totals  |               |           | 99.99      | 24008648              | 2020147                 |

FIGURE 5B

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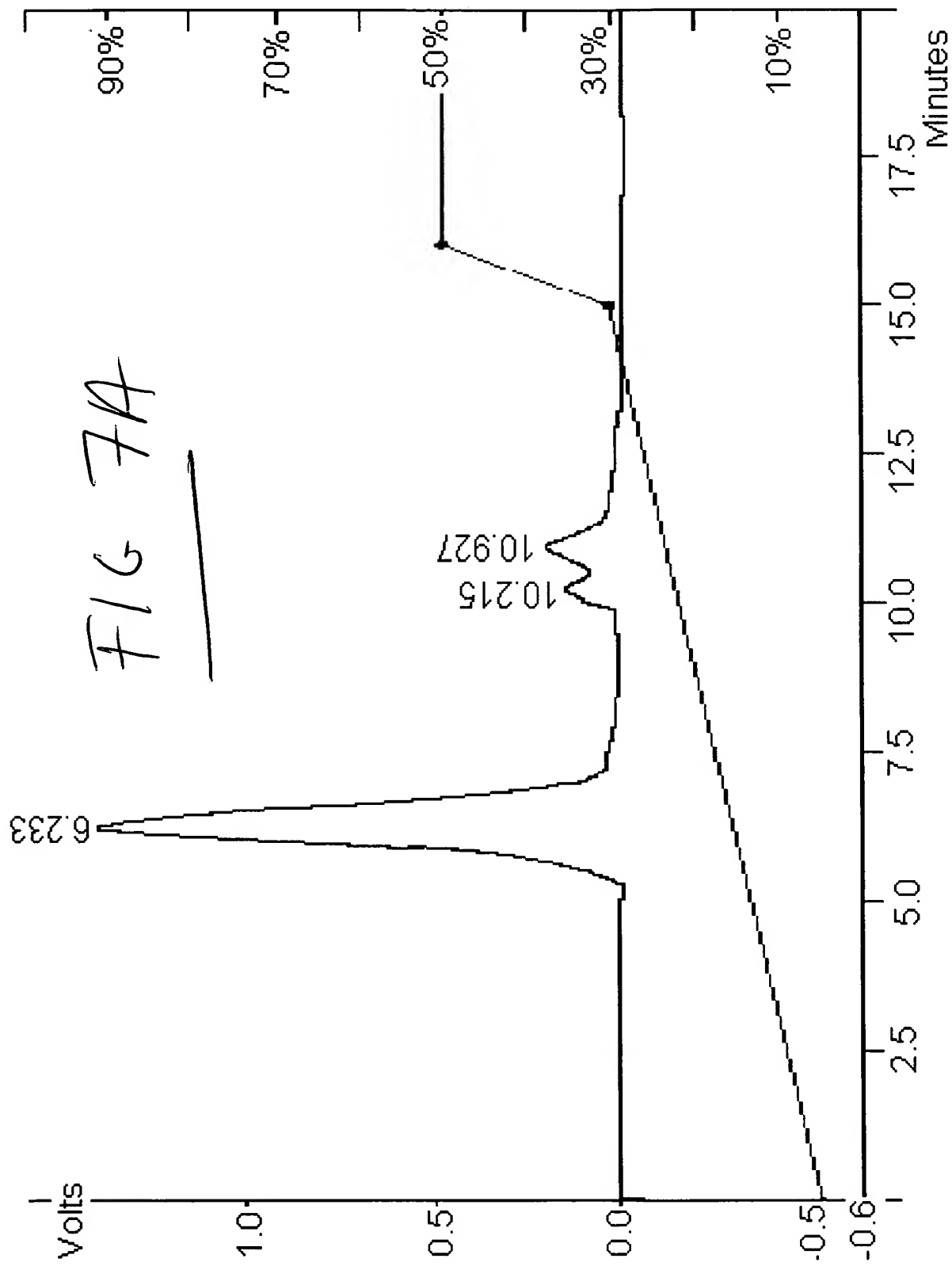


120202sc1113a: dFC GT GGA ACG (SEQ ID NO:8)

| Peak No | Ret Time(min) | Peak Name<br>Result (%) | Peak Area<br>(counts) | Peak Height<br>(counts) |
|---------|---------------|-------------------------|-----------------------|-------------------------|
| 1       | 6.114         | 85.19                   | 72523816              | 1647089                 |
| 2       | 7.643         | 1.09                    | 924821                | 27270                   |
| 3       | 10.229        | 8.69                    | 7400725               | 377325                  |
| 4       | 10.949        | 5.03                    | 4278076               | 125992                  |
| Totals  |               | 100.00                  | 85127440              | 2177676                 |

FIGURE 6B

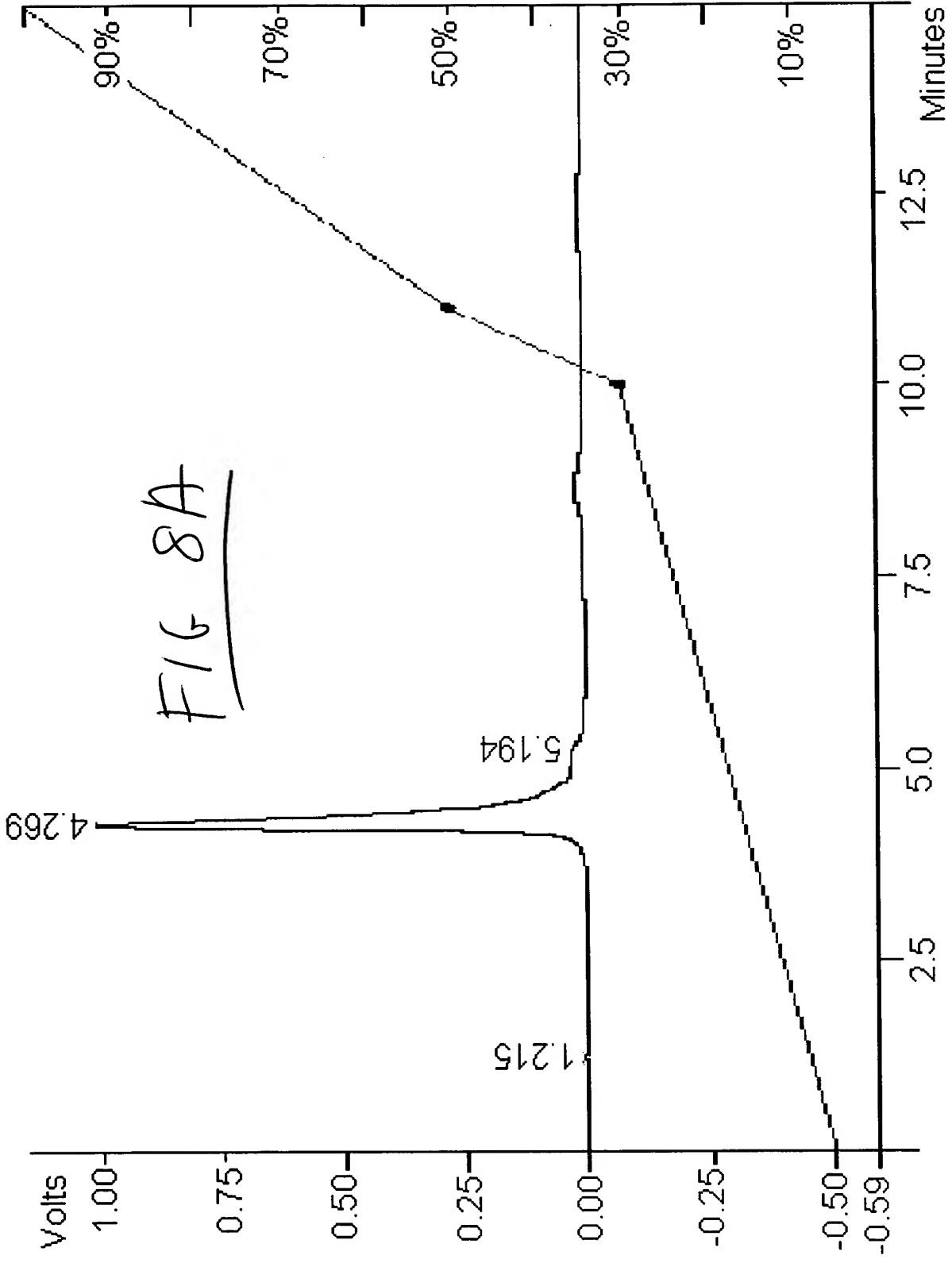




120302sc1117a: dFC GGA CGT GGA ACG (SEQ ID NO:9)

| Peak No | Ret Time(min) | Peak Name<br>Result (%) | Peak Area<br>(counts) | Peak Height<br>(counts) |
|---------|---------------|-------------------------|-----------------------|-------------------------|
| 1       | 6.233         | 85.34                   | 62403828              | 1397338                 |
| 2       | 10.215        | 4.82                    | 3527638               | 139172                  |
| 3       | 10.927        | 9.84                    | 7193832               | 190294                  |
| Totals  |               | 100.00                  | 73125296              | 1726804                 |

FIGURE 7B

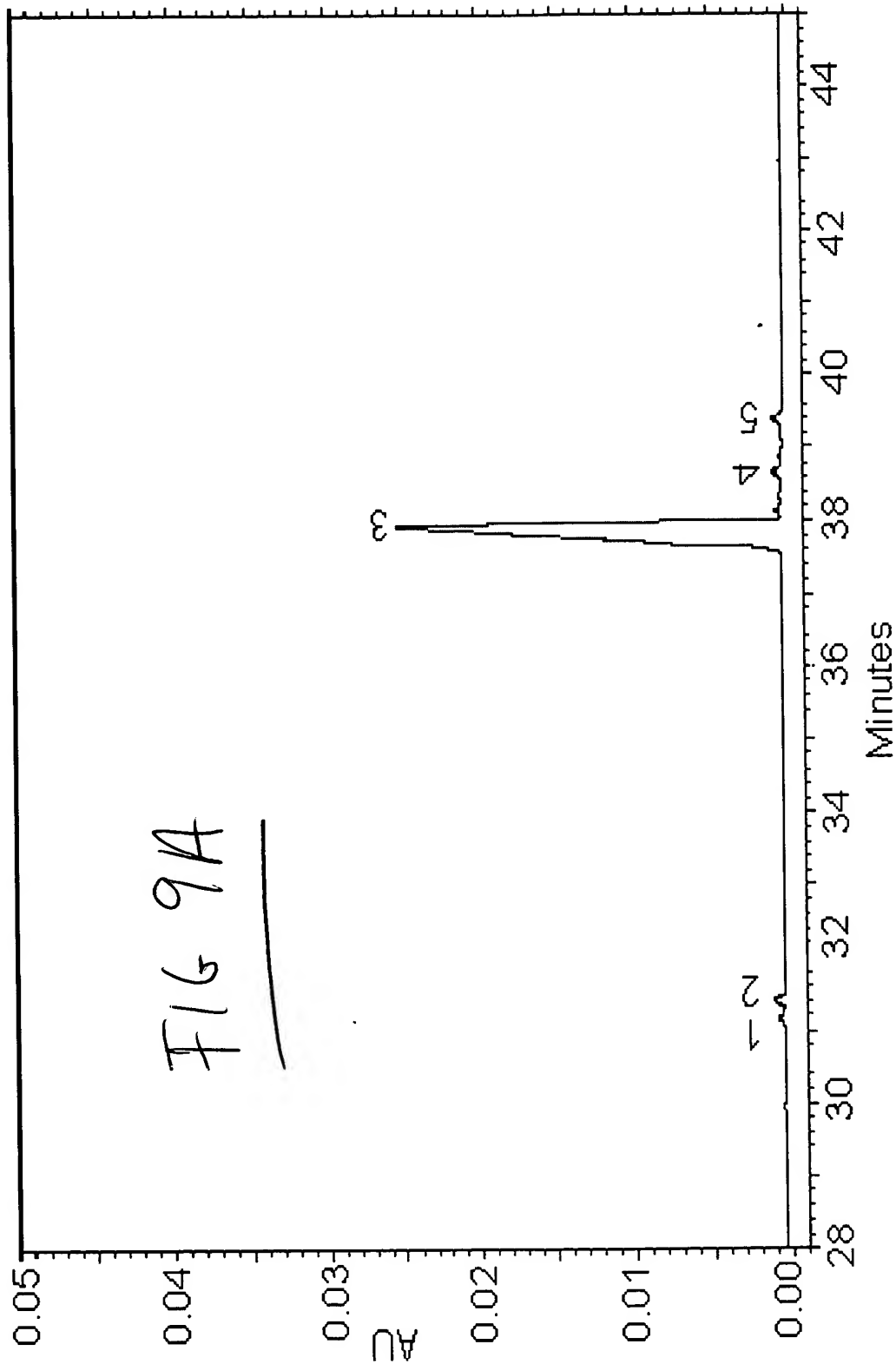


120402sc1119a: dFC GGA GCT GGA ACG (SEQ ID NO: 10)

| Peak No | Ret Time(min) | Peak Name<br>Result (%) | Peak Area<br>(counts) | Peak Height<br>(counts) |
|---------|---------------|-------------------------|-----------------------|-------------------------|
| 1       | 1.215         | 0.27                    | 36939                 | 5231                    |
| 2       | 4.269         | 99.29                   | 13551755              | 991073                  |
| 3       | 5.194         | 0.44                    | 59924                 | 7225                    |
| Totals  |               | 100.00                  | 13648618              | 1003529                 |

FIGURE 8B

Lot#120202sc1111a



120202sc1111a: **dFC GG ACG** (SEQ ID NO:7)

UV – 254nm

**Results**

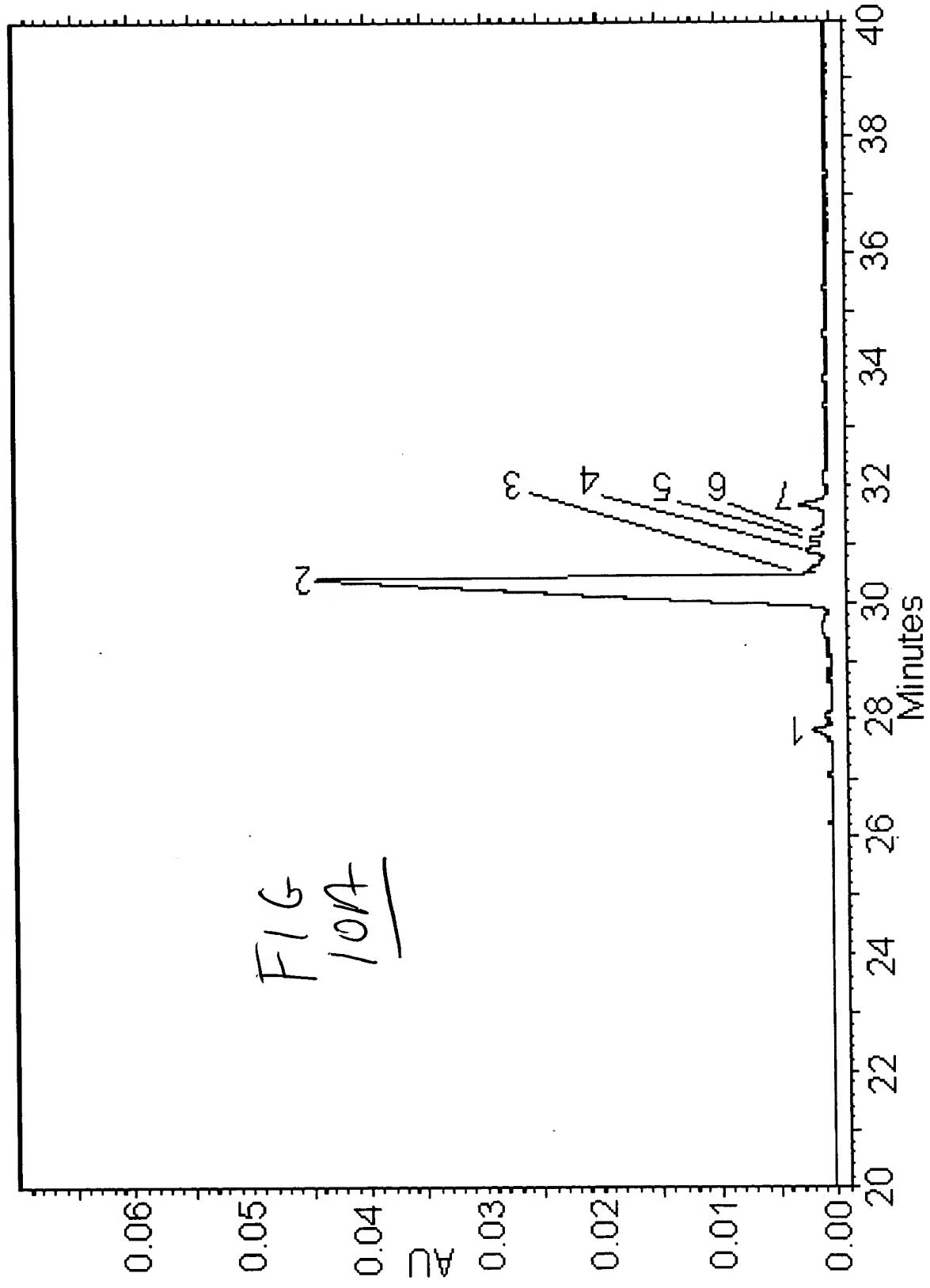
| <b>Pk #</b>   | <b>Migration Time</b> | <b>Area Percent</b> |
|---------------|-----------------------|---------------------|
| 1             | 31.133                | 0.699               |
| 2             | 31.408                | 0.964               |
| 3             | 37.904                | 96.167              |
| 4             | 38.646                | 0.826               |
| 5             | 39.392                | 1.343               |
| <b>Totals</b> |                       | <b>100.000</b>      |

Sample concentration = 5.0 OD/ml: Injection time = 4.0 sec: Injection voltage = 10 kV:

Separation voltage = 16 kV

**FIGURE 9B**

Lot#120202sc1113a



120202sc1113a: dFC GT GGA ACG (SEQ ID NO:8)

UV - 254nm

Results

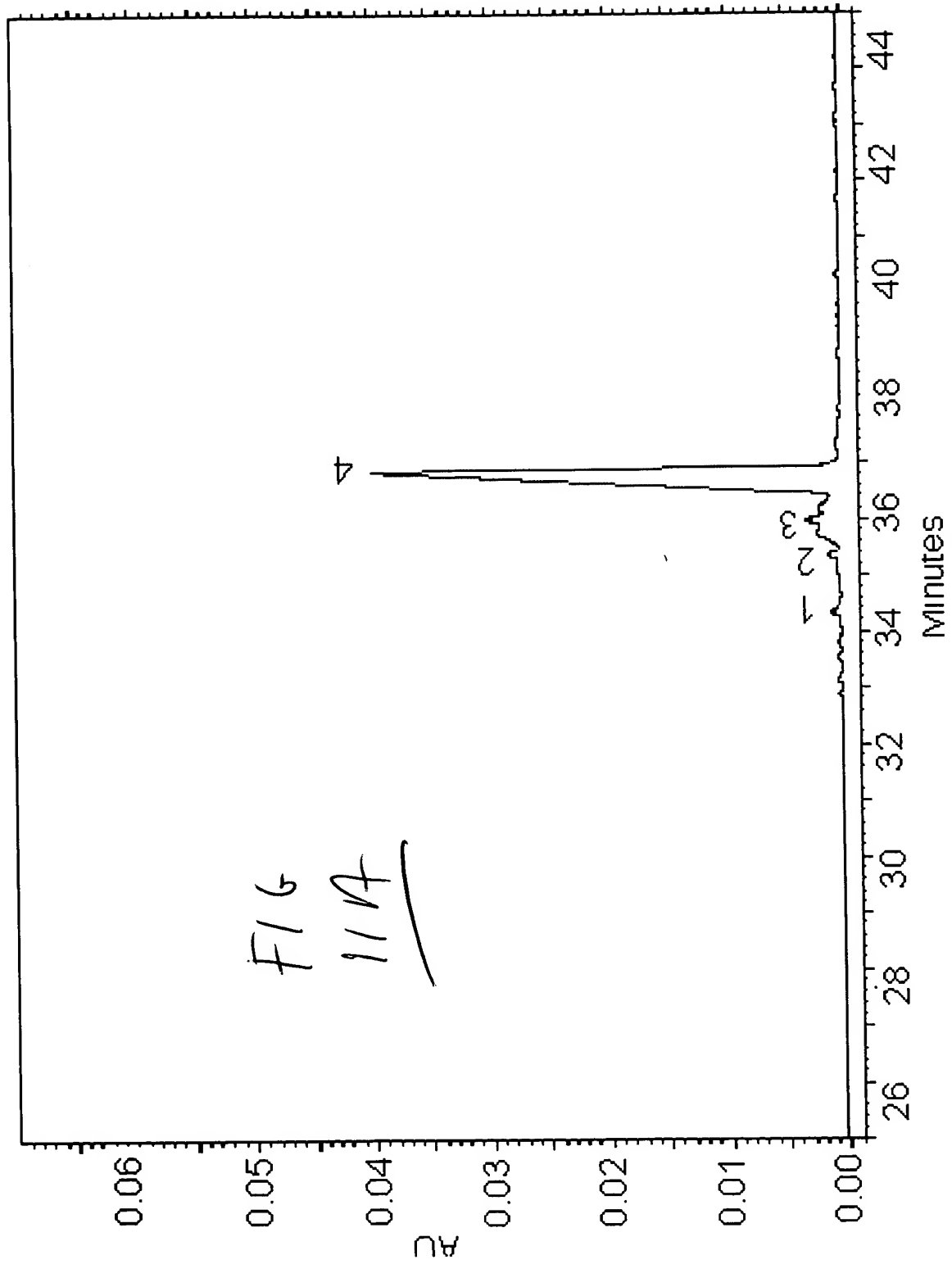
| Pk #   | Migration Time | Area Percent |
|--------|----------------|--------------|
| 1      | 27.813         | 1.206        |
| 2      | 30.400         | 94.869       |
| 3      | 30.538         | 0.369        |
| 4      | 30.892         | 0.748        |
| 5      | 31.071         | 0.424        |
| 6      | 31.258         | 0.530        |
| 7      | 31.667         | 1.854        |
| Totals |                | 100.000      |

Sample concentration = 5.0 OD/ml: Injection time = 4.0 sec: Injection voltage = 10 kV:  
Separation voltage = 16 Kv

FIGURE 10B



Lot#120302sc1117a



120302sc1117a: dFC GGA CGT GGA ACG (SEQ ID NO:9)

UV - 254nm

Results

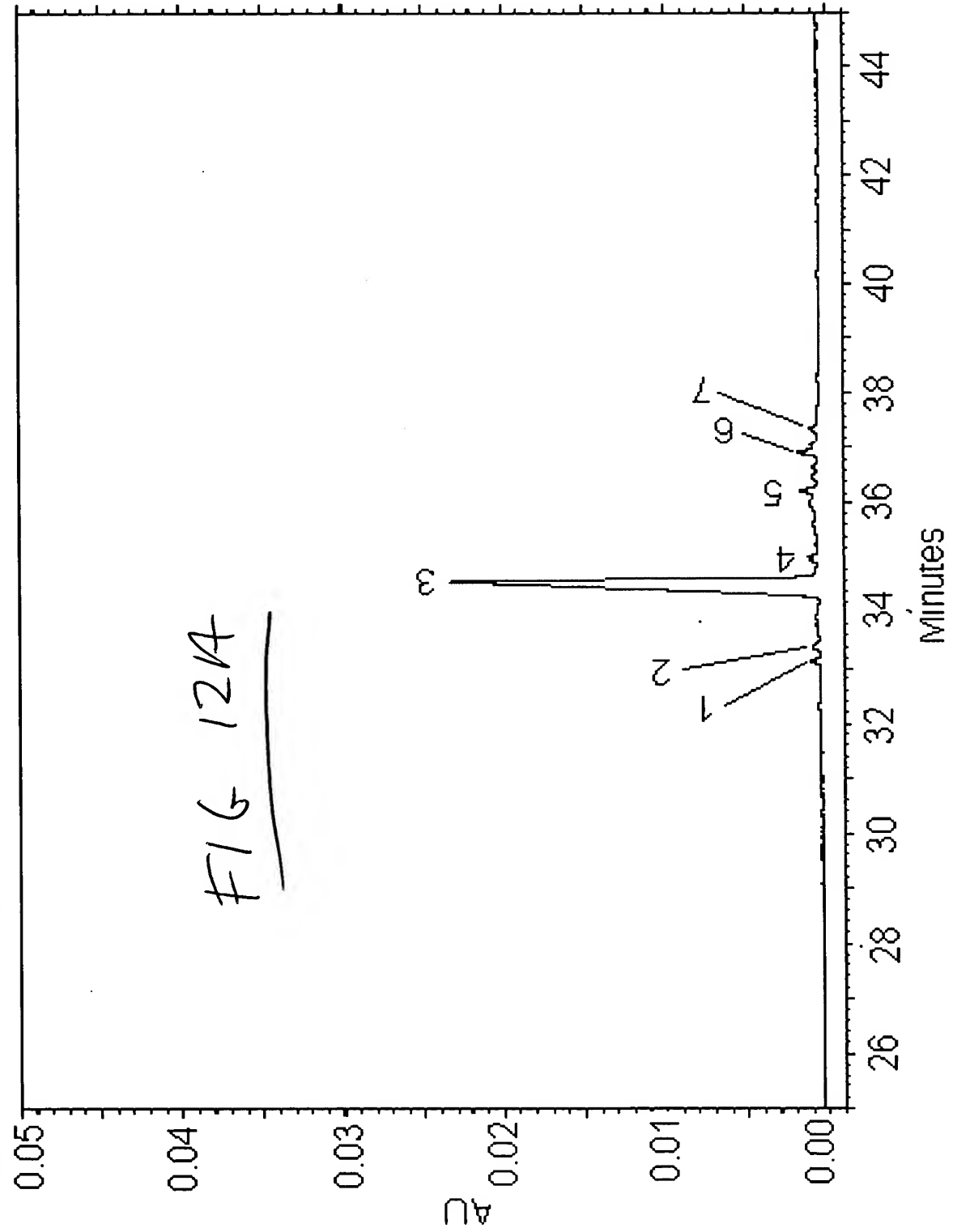
| <u>Pk #</u>   | <u>Migration Time</u> | <u>Area Percent</u> |
|---------------|-----------------------|---------------------|
| 1             | 34.308                | 0.996               |
| 2             | 35.342                | 0.858               |
| 3             | 35.958                | 5.222               |
| 4             | 36.825                | 92.923              |
| <b>Totals</b> |                       | <b>100.000</b>      |

Sample concentration = 5.0 OD/ml : Injection time = 4.0 sec: Injection voltage = 10 kV:  
Separation voltage = 16 kV

**FIGURE 11B**

Lot#120402sc1119a

FIG 12A



120402sc1119a: dFC GGA GCT GGA ACG (SEQ ID NO: 10)

UV - 254nm

Results

| Pk #   | Migration Time | Area Percent |
|--------|----------------|--------------|
| 1      | 33.142         | 1.103        |
| 2      | 33.400         | 1.195        |
| 3      | 35.029         | 1.717        |
| 5      | 36.246         | 1.132        |
| 6      | 36.913         | 1.842        |
| 7      | 37.054         | 0.473        |
| Totals |                | 100.000      |

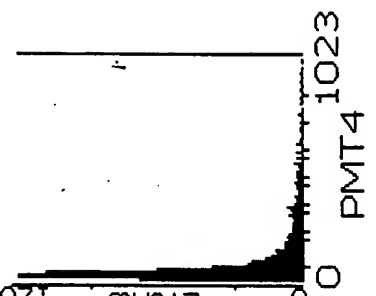
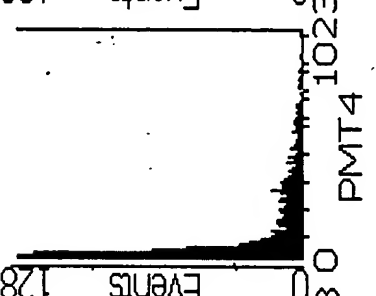
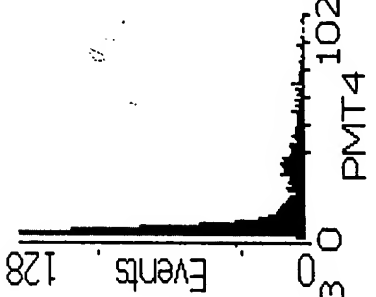
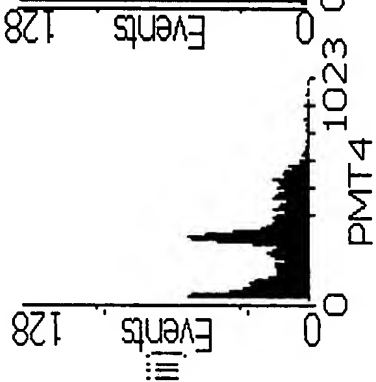
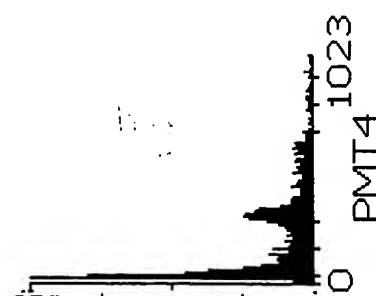
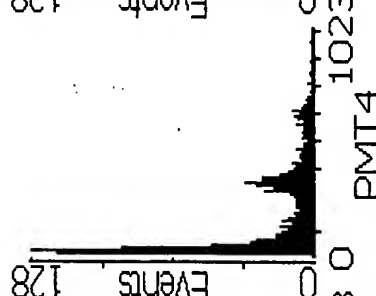
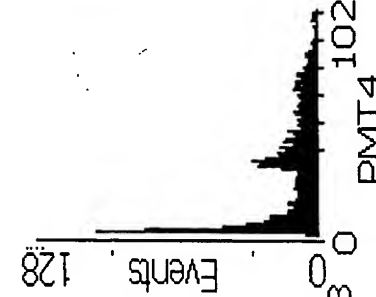
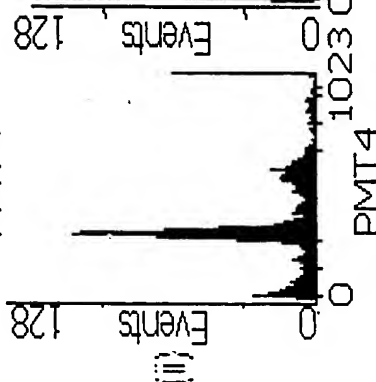
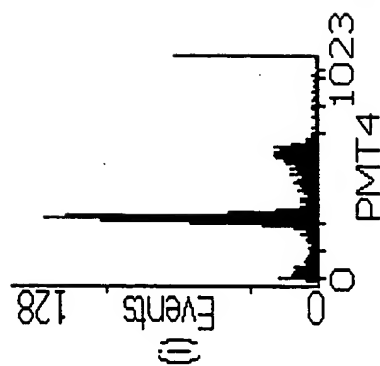
Sample concentration = 5.0 OD/ml: Injection time = 4.0 sec: : Separation voltage = 16 kV

FIGURE 12B

A B C D E

# Colon Cancer Cells

F/6 13



A

B

C

D

E

# Colon Normal Cells

FIG 14

